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PAR 212

FINAL REPORT

Color Acquisition System
Review Study

15 July 1965

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15 July 65**SUMMARY**

Color acquisitions have been evaluated for low, medium, high and orbital altitudes. The color materials used were all color reversal products. Acquisition flights were made with color film only, and with color and black-and-white in paired cameras. Data from some of these flights have been used to determine solar altitude limitations for color materials.

Technical information has been assembled in tabular form for quick reference, and typical sensitometric curves are included for each product tested or evaluated.

The compatibility of the color original material with the reproduction process was considered to be an important factor in the evaluations. Reproduction tests were accomplished under another project (PAR 213 Final Report, 15 April 1965, ; however, films and systems are available to produce second generation color duplicates of all the materials covered by this report.

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